

IFW



Electronic Filing System (EFS) Data
Electronic Patent Application Submission
USPTO Use Only



EFS ID: 64096
Application ID: 10689979
Title of Invention: HIGH VOLTAGE GaN-BASED
TRANSISTOR STRUCTURE
First Named Inventor: Joseph Smart
Domestic/Foreign Application: Domestic Application
Filing Date: 2003-10-20
Effective Receipt Date: 2004-07-07
Submission Type: Information Disclosure
Statement
Filing Type:
Confirmation number: 3803
Attorney Docket Number: 2867-207



Total Fees Authorized:


Digital Certificate Holder: cn=Benjamin Withrow,ou=Registered Attorneys,ou=Patent and
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US
Certificate Message Digest: 6c67a8c91872ad1f334b257ba50b2d24fcafc5b8



TRANSMITTAL

Electronic Version v1.1

Stylesheet Version v1.1.0

Title of Invention	HIGH VOLTAGE GaN-BASED TRANSISTOR STRUCTURE									
<p>Application Number: 10/689979 </p> <p>Date: 2003-10-20</p> <p>First Named Applicant: Joseph Smart</p> <p>Confirmation Number: 3803</p> <p>Attorney Docket Number: 2867-207</p>										
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>										
<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Benjamin S. Withrow Registered Number: 40,876</td><td>/benjamin s. withrow/</td><td>Attorney</td></tr></tbody></table>			Submitted by:	Elec. Sign.	Sign. Capacity	Benjamin S. Withrow Registered Number: 40,876	/benjamin s. withrow/	Attorney		
Submitted by:	Elec. Sign.	Sign. Capacity								
Benjamin S. Withrow Registered Number: 40,876	/benjamin s. withrow/	Attorney								
<table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-ids</td><td>IDS-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>			Documents being submitted	Files	us-ids	IDS-usidst.xml		us-ids.dtd		us-ids.xsl
Documents being submitted	Files									
us-ids	IDS-usidst.xml									
	us-ids.dtd									
	us-ids.xsl									
Comments										



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	HIGH VOLTAGE GaN-BASED TRANSISTOR STRUCTURE																																																																																																																						
<p>Application Number: 10/689979</p> <p>Confirmation Number: 3803</p> <p>First Named Applicant: Joseph Smart</p> <p>Attorney Docket Number: 2867-207</p> <p>Art Unit: 2814</p> <p>Examiner: Wael M. Fahmy</p> <p>Search string: (5608353 or 5629648 or 6130579 or 6191656 or 6229395 or 6265943 or 6271727 or 6285239 or 6307364 or 6313705 or 6329809 or 6333677 or 6356150 or 6369656 or 6369657 or 6384433 or 6392487 or 6404287 or 6525611 or 6528983 or 6560452 or 6566963 or 6701134 or 6701138 or 6720831 or 6724252 or 6750482),pn.</p> <p>US Patent Documents</p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>5608353</td><td>1997-03-04</td><td>Pratt</td><td></td><td>330</td><td>295</td></tr><tr><td></td><td>2</td><td>5629648</td><td>1997-05-13</td><td>Pratt</td><td></td><td>330</td><td>289</td></tr><tr><td></td><td>3</td><td>6130579</td><td>2000-10-10</td><td>Iyer et al.</td><td></td><td>330</td><td>285</td></tr><tr><td></td><td>4</td><td>6191656</td><td>2001-02-20</td><td>Nadler</td><td></td><td>330</td><td>288</td></tr><tr><td></td><td>5</td><td>6229395</td><td>2001-05-08</td><td>Kay</td><td></td><td>330</td><td>252</td></tr><tr><td></td><td>6</td><td>6265943</td><td>2001-07-24</td><td>Dening et al.</td><td></td><td>330</td><td>296</td></tr><tr><td></td><td>7</td><td>6271727</td><td>2001-08-07</td><td>Schmukler</td><td></td><td>330</td><td>284</td></tr><tr><td></td><td>8</td><td>6285239</td><td>2001-09-04</td><td>Iyer et al.</td><td></td><td>327</td><td>531</td></tr><tr><td></td><td>9</td><td>6307364</td><td>2001-10-23</td><td>Augustine</td><td></td><td>324</td><td>95</td></tr><tr><td></td><td>10</td><td>6313705</td><td>2001-11-06</td><td>Dening et al.</td><td></td><td>330</td><td>276</td></tr><tr><td></td><td>11</td><td>6329809</td><td>2001-12-11</td><td>Dening et al.</td><td></td><td>324</td><td>95</td></tr><tr><td></td><td>12</td><td>6333677</td><td>2001-12-25</td><td>Dening</td><td></td><td>330</td><td>296</td></tr><tr><td></td><td>13</td><td>6356150</td><td>2002-03-12</td><td>Spears et al.</td><td></td><td>330</td><td>145</td></tr></tbody></table>								init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass		1	5608353	1997-03-04	Pratt		330	295		2	5629648	1997-05-13	Pratt		330	289		3	6130579	2000-10-10	Iyer et al.		330	285		4	6191656	2001-02-20	Nadler		330	288		5	6229395	2001-05-08	Kay		330	252		6	6265943	2001-07-24	Dening et al.		330	296		7	6271727	2001-08-07	Schmukler		330	284		8	6285239	2001-09-04	Iyer et al.		327	531		9	6307364	2001-10-23	Augustine		324	95		10	6313705	2001-11-06	Dening et al.		330	276		11	6329809	2001-12-11	Dening et al.		324	95		12	6333677	2001-12-25	Dening		330	296		13	6356150	2002-03-12	Spears et al.		330	145
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass																																																																																																																
	1	5608353	1997-03-04	Pratt		330	295																																																																																																																
	2	5629648	1997-05-13	Pratt		330	289																																																																																																																
	3	6130579	2000-10-10	Iyer et al.		330	285																																																																																																																
	4	6191656	2001-02-20	Nadler		330	288																																																																																																																
	5	6229395	2001-05-08	Kay		330	252																																																																																																																
	6	6265943	2001-07-24	Dening et al.		330	296																																																																																																																
	7	6271727	2001-08-07	Schmukler		330	284																																																																																																																
	8	6285239	2001-09-04	Iyer et al.		327	531																																																																																																																
	9	6307364	2001-10-23	Augustine		324	95																																																																																																																
	10	6313705	2001-11-06	Dening et al.		330	276																																																																																																																
	11	6329809	2001-12-11	Dening et al.		324	95																																																																																																																
	12	6333677	2001-12-25	Dening		330	296																																																																																																																
	13	6356150	2002-03-12	Spears et al.		330	145																																																																																																																

	14	6369656	2002-04-09	Dening et al.	330	296
	15	6369657	2002-04-09	Dening et al.	330	296
	16	6384433	2002-05-07	Barratt et al.	257	197
	17	6392487	2002-05-21	Alexanian	330	254
	18	6404287	2002-06-11	Dening et al.	330	296
	19	6525611	2003-02-25	Dening et al.	330	298
	20	6528983	2003-03-04	Augustine	324	95
	21	6560452	2003-05-06	Shealy	455	333
	22	6566963	2003-05-20	Yan et al.	330	311
	23	6701134	2004-03-02	Epperson	455	102
	24	6701138	2004-03-02	Epperson et al.	455	127.3
	25	6720831	2004-04-13	Dening et al.	330	298
	26	6724252	2004-04-20	Ngo et al.	330	133
	27	6750482	2004-06-15	Seaford et al.	257	191

Signature

Examiner Name	Date